



FORM PTO-1449

FOURTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1700.0340001/BJD/SJEAPPLICATION NO.
10/622,124FIRST NAMED INVENTOR
Martin F. BachmannFILING DATE
July 18, 2003ART UNIT
1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG3	2001/0038862 A1	11/08/2001	Luo et al.			12/14/2000
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
TMB	AN8	WO 03/051389 A2	07/26/2003	WIPO			Yes No
TMB	AO8	WO 03/031466 A2 WO 03/031466 A3	04/17/2003	WIPO			Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

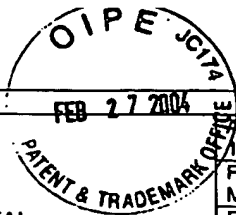
	AR	145	
TMB	AS	145	International Search Report for International Application No. PCT/EP03/07849, mailed January 23, 2004, International Search Authority, European Patent Office, The Netherlands.
TMB	AT	145	Lechner, F., et al., "Virus-like particles as a modular system for novel vaccines," <i>Intervirology</i> 45:212-217, S. Karger AG, Basel (July-December 2002).

EXAMINER

DATE CONSIDERED

12/19/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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TMB	AL9	WO 03/024481 A2	03/27/2003	WIPO			Yes No
TMB	AM9	WO 03/039225 A2	5/15/2003	WIPO			Yes No
TMB	AN9	EP 1 197 496 A1	04/17/2002	Europe			Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TMB	AR	146	Murakami, N., et al., "Role for central ghrelin in food intake and secretion profile of stomach ghrelin in rats," <i>Journal of Endocrinology</i> 174:283-288, Society for Endocrinology, Great Britain (August 2002).
TMB	AS	146	Bednarek, M.A., et al., "Structure-Function Studies on the New Growth Hormone-Releasing Peptide, Ghrelin: Minimal Sequence of Ghrelin Necessary for Activation of Growth Hormone Secretagogue Receptor 1a," <i>J. Med. Chem.</i> 43:4370-4376, American Chemical Society, USA (2000).
TMB	AT	146	Hinney, Anke, et al., "Ghrelin gene: Identification of missense variants and a frameshift mutation in extremely obese children and adolescents and healthy normal weight students," <i>The Journal of Clinical Endocrinology & Metabolism</i> 87(6):2716-2719, The Endocrine Society, USA (June 2002).

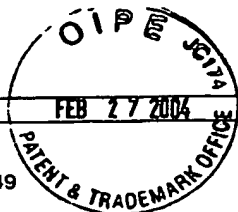
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DATE CONSIDERED

12/29/05

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FORM PTO-1449 FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		Page 3 of 3	
		ATTY. DOCKET NO. 1700.0340001/BJD/SJE	APPLICATION NO. 10/622,124
		FIRST NAMED INVENTOR Martin F. Bachmann	
		FILING DATE July 18, 2003	ART UNIT 1645

U.S. PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TMB	AR	147	Hosoda, H., <i>et al.</i> , "Purification and Characterization of Rat des-Gln ¹⁴ - Ghrelin, a Second Endogenous Ligand for the Growth Hormone Secretagogue Receptor," <i>The Journal of Biological Chemistry</i> 275:21995-22000, The American Society for Biochemistry and Molecular Biology, Inc. (2000)
	AS	147	
	AT	147	

EXAMINER <i>IA</i>	DATE CONSIDERED 12/29/05
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FORM PTO-1449

ATTY. DOCKET NO.
1700.0340001/BJD/SJEAPPLICATION NO.
10/622,124THIRD SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENTFIRST NAMED INVENTOR
Martin BachmannFILING DATE
July 18, 2003ART UNIT
1645

U.S. PATENT DOCUMENTS

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TAB	AR	145	Pushko, P., et al., "Analysis of RNA phage fr coat protein assembly by insertion, deletion and substitution mutagenesis," <i>Protein Engineering</i> Vol. 6 no. 8:883-891 (1993)				
	AS						
	AT						

EXAMINER

AB

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